Andrews Spinal Surgery Table, Powered
Models: 5837 & 5838
Work Instruction Number 50603-08

Contact Information:

Date: _____Model/Serial#: _____ Account #: _____

Hospital Name: _____ City & State: _____

Contact Name: _____ Position: _____ Phone: _____

Equipment Location: _____

Service Representative: _____ Service Organization: _____

Service Rep. phone: _____ Home location: _____

Customer contact accepting service: _____ _____ _____

Name please print Signature Date

Service Representative: _____ _____ _____

Name please print Signature Date

Using this report: Please proceed through each step and place an "x" in the "( )" as each item representing Pass Fail ( ) ( ) criteria is inspected. If a step has failed, please indicate with an "x" and note the reasons in the comments section. If you resolve the failure place an "x" in the "Pass" area and indicate the corrective action again in the comments section. If you are unable to perform any Pass/Fail check, please contact Mizuhosi Technical Services for assistance and circle the check

Biohazards when servicing equipment: Please take appropriate precautions for servicing potentially contaminated biohazard equipment or working in biohazard surroundings. Please wear protective surgical gloves and log sleeved gowns at all times. If your gloves or protective clothing tears, replace immediately. Have the hospital staff clean the equipment appropriately prior to servicing. Clean your tools that may contain biohazards prior to placing back in your tool kit for removal from the location. If you suspect biohazards are present do not service the equipment until they have been cleaned.

ESD Precautions: Electro-Static Discharge can damage sensitive electronic printed circuit boards. If you are servicing any part of the equipment inside that is near or in contact with PCB's or other sensitive devices, please properly ground yourself with a proper ESD strap.

(If serviced by an outside service organization, the record must be reviewed, signed, and dated by Technical Services Dept. Refer to last page of this document).

Surgical bases covered:

5837, Powered Andrews Table

5838, Powered Andrews Table w/ ShearGuard Gel Pads

5838 Elite Powered Andrews Table w/ tempur-med pads

6821 Rebuilt Andrews Table with Power Option

6831 Rebuilt Andrews Table with Power Option and ShearGuard Gel Pads

Tools Required:

Digital Volt Multimeter (DVM) with probe and hook leads

Grease, Lithium, white, multi-purpose

Hex keys, (Allen), ball head, minimum handle length 4 inch (in): 5/64 in, 5/32 in, 3/16 in, 5/16 in.

Wrench, open end, 3/8 in.

Philip Driver

Screw Driver (medium size)

Mirror, small inspection.

Thread-lock, non-permanent, Loctite, blue, or equiv.

Surgical gloves.

Materials Required:

Andrews Spinal Surgery Table (Powered) Maintenance and Repair Manual – NW0359

Pass Fail

1. General Overall Condition.

1.1 ☐ ☐ Table is clean, without signs of hazardous contamination and is consistent with proper care.

Comments: _____

1.2 ☐ ☐ All sheet metal covers are secure without missing fasteners.

Comments: _____

1.3 ☐ ☐ Sheet metal covers and paint are free of dents or scratches.

Comments: _____

1.4 ☐ ☐ All labels and control panel are intact and legible.

Comments: _____

1.5 ☐ ☐ Table Pads retain good shape, are free of punctures, tears or excessive wear.

1. Torso Pads, left and right. ☐

2. Torso Lift Pad. ☐
3. Lateral (Hip) Support Pads (2x). ☐
4. Seat Pad. ☐
5. Thigh (Femoral) Pad. ☐
6. Tibial Pad. ☐
7. "Head Support" Pad. ☐
8. Arm Board Pads (2x). ☐

Comments: _____

1.6 ☐ ☐ Slings and Straps are free of excessive wear or tears.

1. Hip Sling ☐
2. Thigh Strap ☐

Comments: _____

2. Power Input Inspection.

2.2 ☐ ☐ Power cord with A/C plug is free of wear, corrosion, cracks, and plug is secure to power cord.

Comments: _____

2.3 ☐ ☐ The table on/off switch-circuit breaker splash guard not torn and foot switch are properly secured, operational, and green light illuminates when switched on.

Comments: _____

3. All Casters Operate Properly.

3.1 ☐ ☐ Casters rotate and roll freely and smoothly full 360 degrees.

Comments: _____

3.2 ☐ ☐ Caster do not shake or have abnormal uniformity.

Comments: _____

3.3 ☐ ☐ Rubber wheels are not worn or damaged.

Comments: _____

3.4 ☐ ☐ Foot end casters lock and remain engaged until unlocked.

Comments: _____

3.5 ☐ ☐ Head end casters lock from rolling and rotating and remain engaged when caster lock pedal is depressed until released.

Comments: _____

4. Hydraulic System.

<u>Caution</u>: The following requires removal of protective cover(s). Please refer to Maintenance and Repair manual. Electrical shock hazard exists. When operating, hydraulic fluid pressure can be up to 2000 psi.

4.1 ☐ ☐ Hydraulic fluid level is approximately 1and 1/2 inches from reservoir top. Add AW Hydraulic oil, viscosity 32 or equivalent, as needed.

Comments: _____

4.2 ☐ ☐ Breather plug is not clogged.

Comments: _____

5. Basic operation.

Note: For the following steps, power should be applied to the table and power switch on.

5.1 ☐ ☐ With all control valves in neutral (off) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

6. Trendelenberg / Reverse Trendelenburg function.

6.1 ☐ ☐ Switch control valve to TRENDEL / REV. TRENDEL position, table moves smoothly and quietly through its full range.

Comments: _____

6.2 ☐ ☐ Switch control valve to center (neutral) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

7. Torso Lift function.

7.1 ☐ ☐ Switch control valve to UP / DOWN position, table moves smoothly and quietly through its full range.

Comments: _____

7.2 ☐ ☐ Switch control valve to center (neutral) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

7.3 ☐ ☐ Inspect Torso Lift assembly Chest Board for stress cracks or breakage.

Comments: _____

8. Tibial Support function.

8.1 ☐ ☐ Switch control valve to UP / DOWN position, table moves smoothly and quietly through its full range.

Comments: _____

8.2 ☐ ☐ Switch control valve to center (neutral) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

9. Lateral Tilt function.

9.1 ☐ ☐ Switch control valve to PT'S RIGHT / PT'S LEFT position, table moves smoothly and quietly through its full range.

Comments: _____

9.2 ☐ ☐ Switch control valve to center (neutral) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

10. Table Height function.

10.1 ☐ ☐ Switch control valve to UP / DOWN position, table moves smoothly and quietly through its full range.

Comments: _____

10.3 ☐ ☐ Switch control valve to center (neutral) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

11. Foot End function.

11.1 ☐ ☐ Switch control valve to UP / DOWN position, table moves smoothly and quietly through its full range.

Comments: _____

11.2 ☐ ☐ Switch control valve to center (neutral) position, activate foot switch. Electric motor/pump runs but no motion of the table occurs.

Comments: _____

11.3 ☐ ☐ Inspect tibial support lock handle for ease of engagement. Lock handle indicator pin should align with red arrow on casting. Clean and apply a clean coat of lubricant using lithium based white multi-purpose grease if needed.

Comments: _____

11.4 ☐ ☐ Inspect tibial Lock pin tips (white nylon) for wear.

Comments: _____

11.5 ☐ ☐ Inspect for wear, seat upright lock handle as it fits into the Tibial casting

Comments: _____

12. Foot Assembly operates properly.

12.1 ☐ ☐ Leg restraint foot extensions are easily adjustable and locking detents and heel clamps engage and lock securely.

Comments: _____

Note: Tables prior to s/n 922 and manufactured prior to 4'99 use Keepers (Heel Cup Locks).

12.2 ☐ ☐ Leg Restraints (Heel Cups) are free of cracks or tears.

Comments: _____

13. Seat Assembly operates properly.

13.1 ☐ ☐ Seat post (and seat upright posts are free of wear or scoring and lock handle secures seat firmly).

Comments: _____

13.2 ☐ ☐ Lateral (hip) support pads (2x) adjust easily and lock handles secure firmly. Lock pins at end of rods are in place.

Comments: _____

14. Autoglide Torso Lift operates properly.

14.1 ☐ ☐ Autoglide Torso Lift lock handle disengages and Autoglide easily allows full travel without binding.

Comments: _____

14.2 ☐ ☐ Autoglide Torso Lift lock handle engages Autoglide and easily locks movement.

Comments: _____

15. Arm Boards inspection only if it's attached to the table.

15.2 ☐ ☐ Armboards attach easily to siderails and lock securely.

Comments: _____

16. Optional Equipment inspection only if it's attached to the table.

16.1 ☐ ☐ Illiac Crest Supports attach easily to siderails and lock securely.

Comments: _____

This section is for Technical Services use only.

Reviewed**:** _____ Signature: _____ Date: _____